

MATERIAL SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION OF PRODUCT

PRODUCT NAME AFI00 S

PRODUCT USE Fire Suppressant/Flame Retardant

CHEMICAL NATURE Phosphate

SUPPLIER JS CHEM
1139-7, Seryu-dong, Gwonseon-gu,
Suwon-si, Kyeonggi-do, Korea

WORK PLACE HAZARDOUS MATERIAL INFORMATION SYSTEM (WHMIS)

WHMIS
Not Classified

NFPA
Health - 1
Fire - 0
Reactivity - 0
Special

[4 - Extreme, 3 - High, 2 - Moderate, 1 - Slight, 0 - Insignificant]

SECTION 2 : HAZARDOUS INGREDIENTS

Components	LD50/Species (Specify Species and Route)	LC50 of ingredient (Specify Species)	CAS No
Ammonium Phosphate, Dibasic (98% up)			7783-28-0
ITC - Test Toxic > 30% w/vol		Fish Toxic > 2.5% w/vol	

SECTION 3 : PHYSICAL DATA

Physical State	: Solid
Color and Appearance	: White, Dry powder
Odor Threshold (ppm)	: None
Vapour Pressure (mmHg)	: NA
Evaporation Rate	: NA
Boiling Point	: > 160°C
Freezing Point	: None
Specific Gravity	: 1.619
pH	: 7.7~8.1 at 25°C

SECTION 4 : FIRE AND EXPLOSION HAZARD DATA

<i>Automg Temp.</i>	: Not Applicable
<i>Flash Point</i>	: Not Applicable
<i>Conditions of Flammability</i>	: Not Flammable
<i>Extinguishing Agents</i>	: Not Applicable

SECTION 5 : REACTIVITY DATA

<i>Chemical Stability</i>	: Indefinite at room temperature
<i>Incompatibility with other substances</i>	: Avoid strong basic materials, acids
<i>Reactivity and under what conditions</i>	: None
<i>Hazardous Decomposition Products</i>	: None

SECTION 6 : TOXICOLOGICAL PROPERTIES HEALTH EFFECTS

<i>Route of Entry</i>	
<input checked="" type="checkbox"/> <i>Skin Contact</i>	
<input type="checkbox"/> <i>Skin Absorption</i>	
<input checked="" type="checkbox"/> <i>Eye Contact – rinse with water</i>	
<input checked="" type="checkbox"/> <i>Inhalation – avoid inhaling, may cause dizziness</i>	
<input checked="" type="checkbox"/> <i>Ingestion – drink large volumes of water</i>	
<i>Effects of Acute Exposure to Product</i>	: May cause dizziness /skin irritant/upset stomach
<i>Effects of Chronic Exposure to Product</i>	:
<i>Exposure Limits</i>	:
<i>Irritancy of Product</i>	:
<i>Sensitization to Product</i>	:
<i>Carcinogenicity</i>	:
<i>Teratogenicity</i>	:
<i>Reproductive Toxicity</i>	:
<i>Mutagenicity</i>	: Non-mutagenic
<i>Synergistic Products</i>	:

SECTION 7 : PREVENTIVE MEASURES

<i>Personal Protective Equipment</i>	: No special equipment necessary
<i>Gloves (Specify)</i>	: Standard
<i>Eye (Specify)</i>	: Standard eye goggles
<i>Footwear (Specify)</i>	: Standard work wear
<i>Clothing (Specify)</i>	: Standard
<i>Engineering Controls (Specify) i.e. : Ventilation, enclosed process)</i>	: Keep area well ventilated
<i>Leak and Spill Procedure</i>	: Flush area with water
<i>Water Disposal</i>	: Dilute with water 1% vol/vol then discard in accordance with local and federal regulations
<i>Handling Procedures and Equipment</i>	: Standard handling
<i>Respirator (Specify)</i>	: Dust protection
<i>Other (Specify)</i>	:

SECTION 8 : FIRST AID MEASURES

Specific Measures :

Inhalation

: Avoid direct respiration of dust

Ingestion

: Drink large volumes of water, consult a physician

Eyes

: flush with cool water, consult a physician

Skin

: Wash face thoroughly with soap and water

SECTION 9 : STORAGE & TRANSPORT INFORMATION

TDG CLASSIFICATION

: NOT A DANGEROUS GOOD

PACKAGE GROUP

: PRODUCT IDENTIFICATION NUMBER (PIN) - N/A

SECTION 10 : PREPARATION DATE MSDS

PREPARED BY

: JS CHEM

DATE

: 01/20/2003

PHONE NUMBER

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